



# WELCOME



## Project Spotlight April 17, 2023

KN 23474 US-20; Exit 343 Interchange, Fremont Co

The Idaho Transportation Department is making plans to construct a tight diamond interchange at the intersection of US-20 and E 400 North.



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# Meeting Agenda

## South Saint Anthony Interchange

- Introductions
- Project Overview
- Proposed Improvements
- Phasing
- Construction Schedule
- Questions



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# Team Introductions

## South Saint Anthony Interchange

- **Dan McElhinney**
  - Chief Deputy Director/COO
- **Amy Schroeder**
  - Transportation Program Manager
- **Matt Heinichen**
  - Project Manager, Design
- **Shawna King**
  - TECM Engineering Manager
- **Drew Meppen**
  - Resident Engineer (D6)
- **Jason Minzghor**
  - District Engineering (D6)
- **Jeremie Pettingill**
  - Design/Construction (D6)
- **Curtis Calderwood**
  - Project Engineer, Design/Construction (D6)



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# Project Overview

## South Saint Anthony Interchange

- US-20; Exit 343 Interchange, Fremont Co (KN 23474)
  - Anticipated Advertisement Date: May 2023
  - Anticipated Cost: \$35-40M
  - State Funded



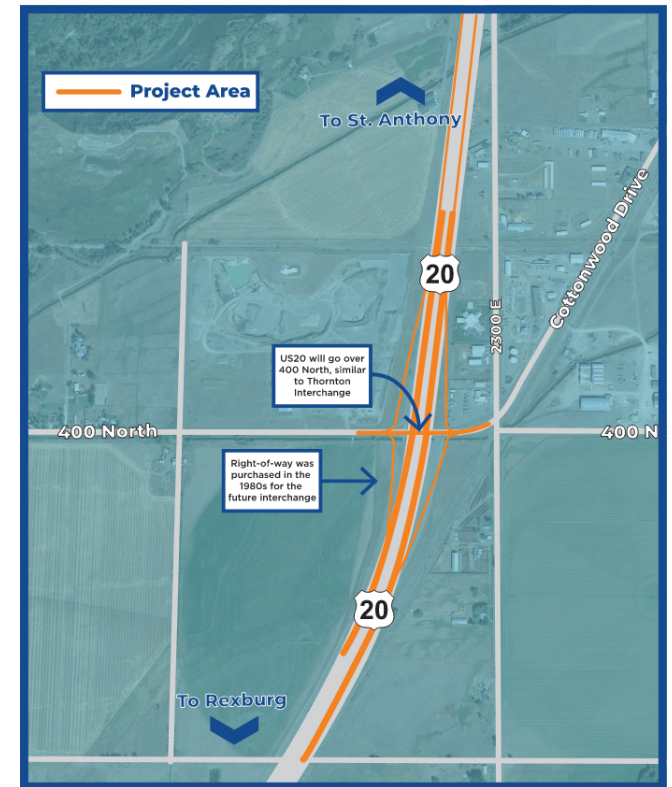
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# Project Overview

## South Saint Anthony Interchange

- Project will construct a tight diamond interchange at the intersection of US-20 and E 400 North.
- Improvements will include new ramps and a grade separation of US-20 over E 400 North.
- All roadways within the project limits will be reconstructed with new pavement and base materials.



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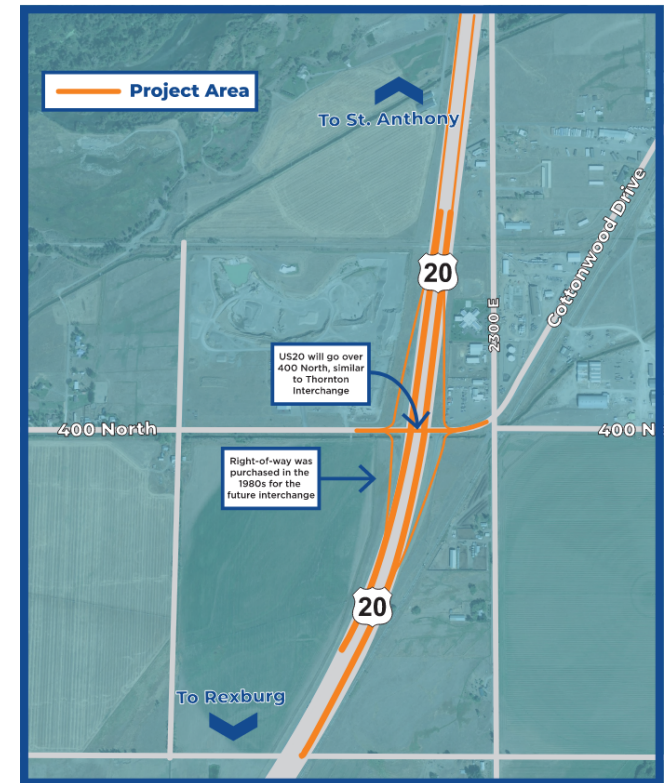




# Project Overview

## South Saint Anthony Interchange

- All work will be within the existing right of way.
- Project limits extend approximately 2,900 feet both north and south of the E 400 North roadway.
- For approximately 3,250 feet, US-20 will be elevated on new embankment and two new structures to pass over E 400 North.

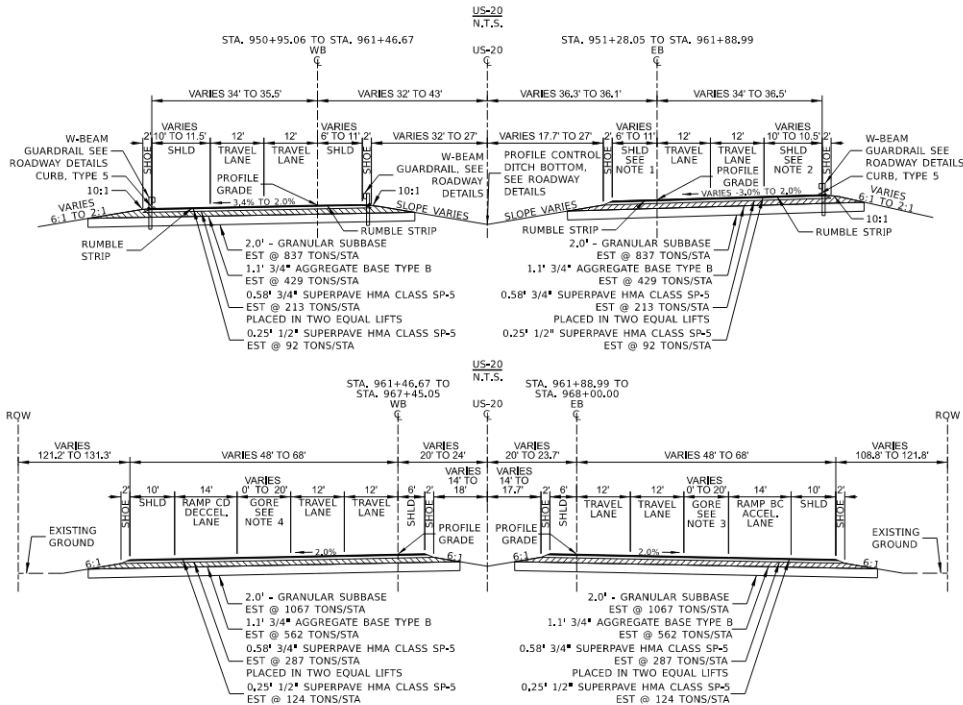


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# South Saint Anthony Interchange

- 49,000 SY Removal of Bituminous Surface
- 810,000 Tons Granular Borrow
- 118,000 Tons Granular Subbase
- 57,700 Tons ¾" Aggregate Type B for Base
- 9,750 Tons Superpave HMA Pav CL SP-T
- 1,500 Tons Superpave HMA SP-3
- 10,900 Tons Superpave HMA SP-5 (½")
- 25,400 Tons Superpave HMA SP-5 (¾")

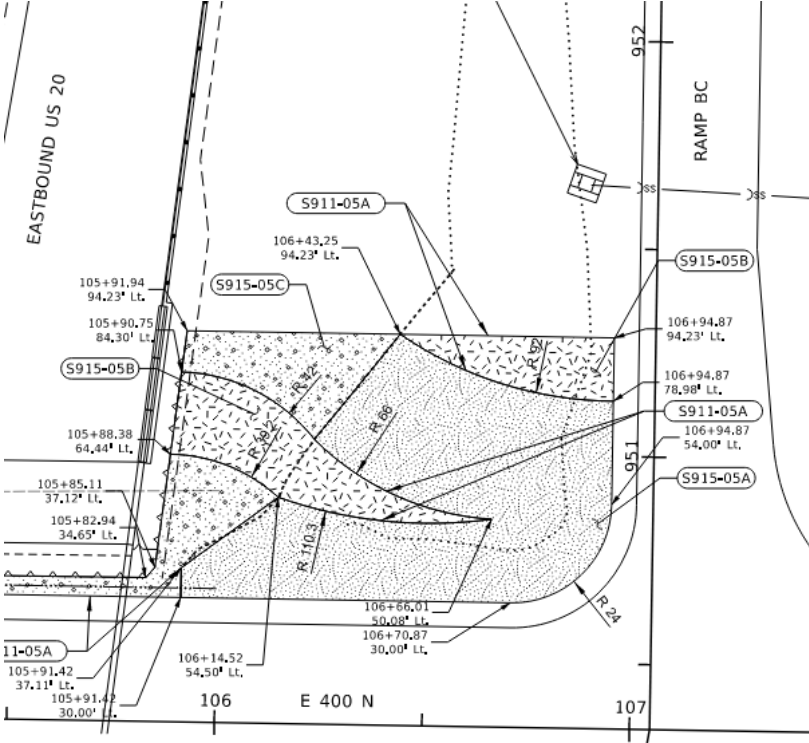


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# South Saint Anthony Interchange

- 15,500 SF Landscape Rock Type 1
- 6,400 SF Landscape Rock Type 2
- 16,900 SF Landscape Rock Type 3

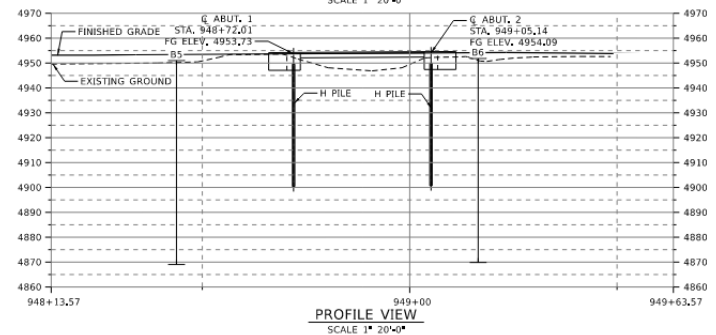
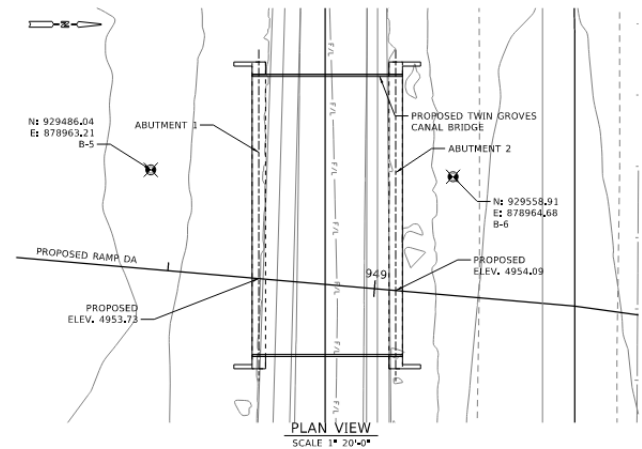
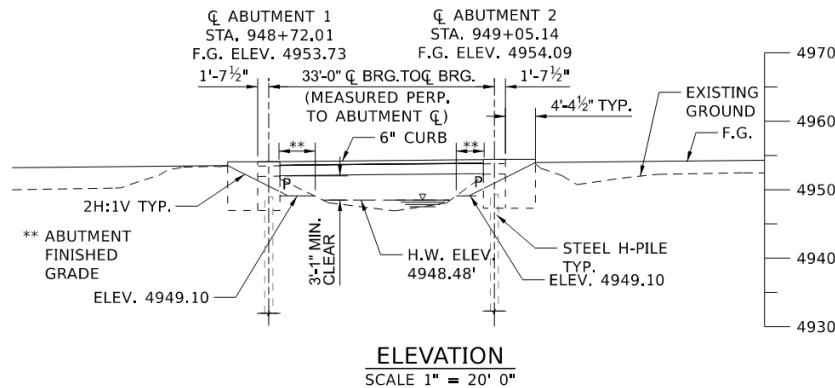




# Proposed Improvements – On-Ramp Bridge

## South Saint Anthony Interchange

- The westbound on-ramp will go over the canal via a new bridge, which will span the canal.
- 36' Prestressed Concrete Bridge
- 490' Steel H-Pile (14x117)



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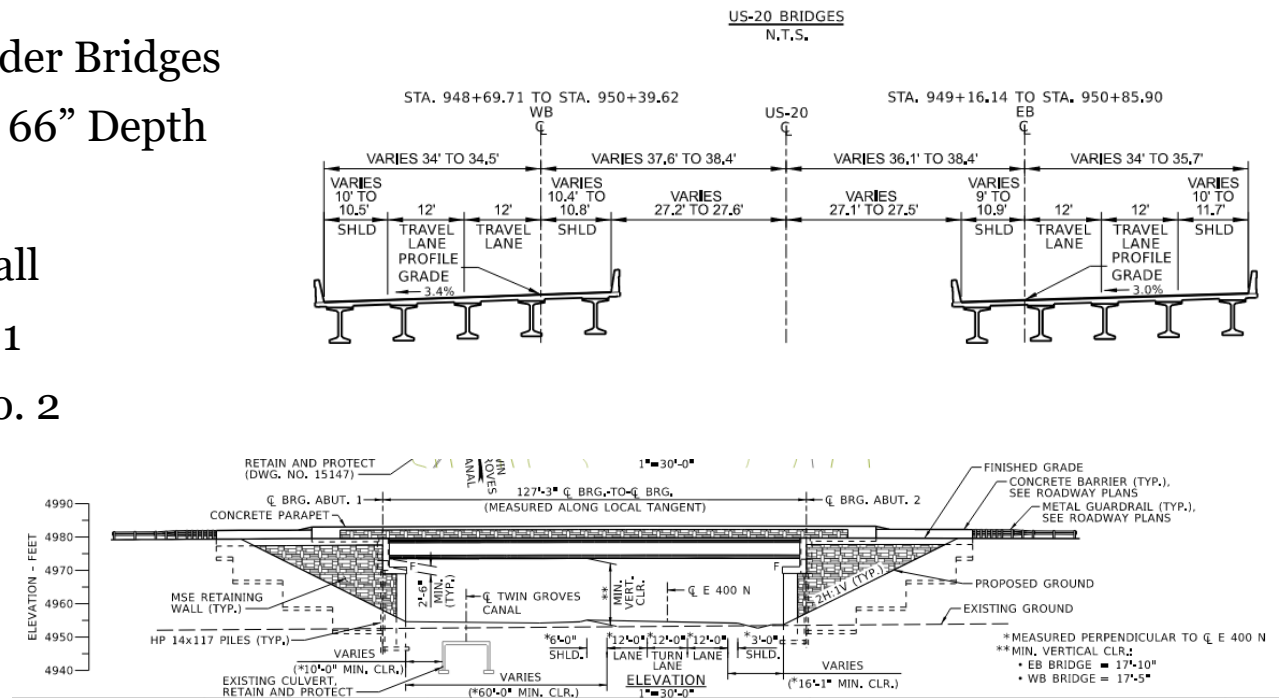


# Proposed Improvements – US-20 Bridges

## South Saint Anthony Interchange

### Key Quantities:

- 130' Prestressed Concrete Girder Bridges
- 1,300' Prestressed WF Girder 66" Depth
- 1,700' Steel H-Pile (14x117)
- 12,800 SF MSE Retaining Wall
- 140 CY Conc Cl 40-A Sch No. 1
- 480 CY Conc Cl 40-AF Sch No. 2



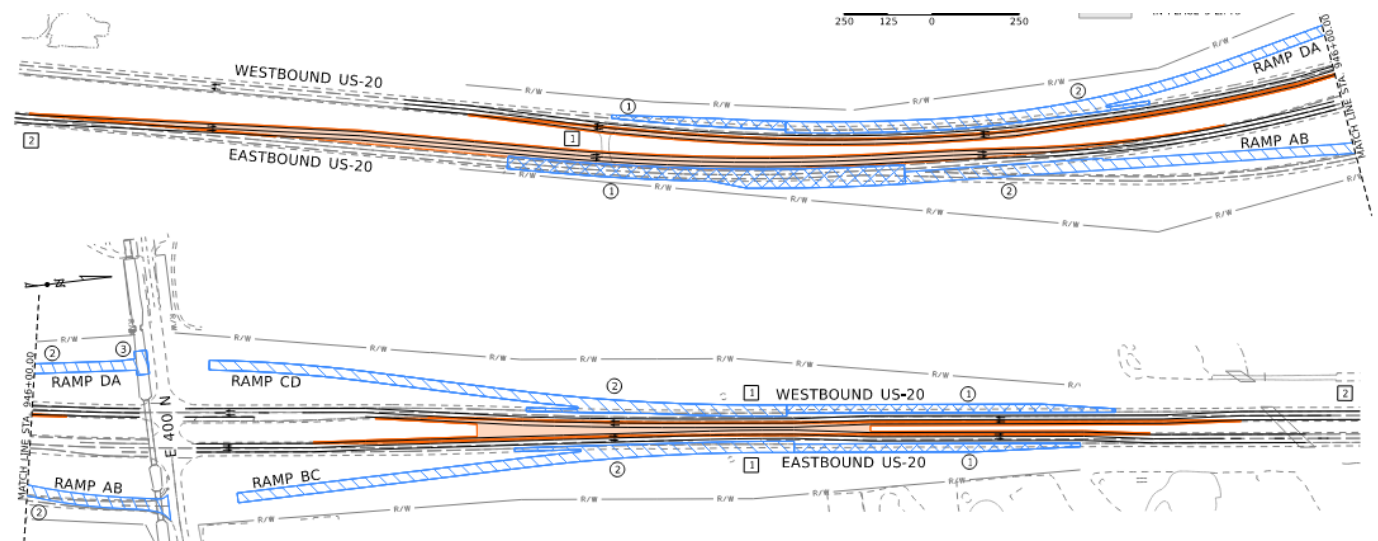
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# Phasing

## South Saint Anthony Interchange

- Phase 1 & 2
  - Construct Temp paving to maintain two lanes of traffic on US-20
  - Construct on/off ramps.
- Phase 3 & 4
  - Detour US-20 traffic onto newly constructed ramps
  - Construct US-20 mainline.

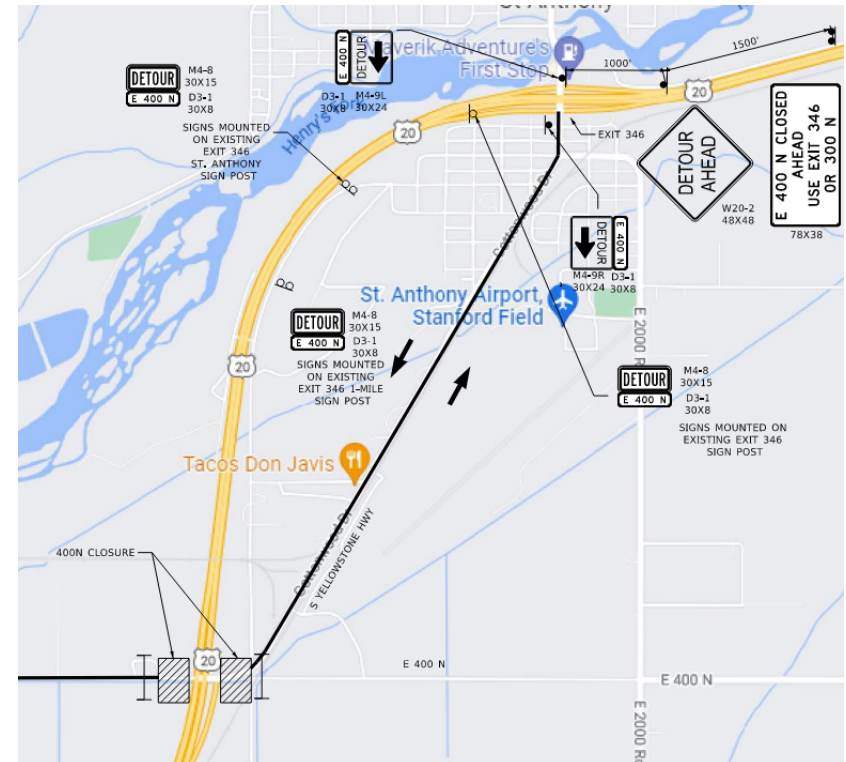
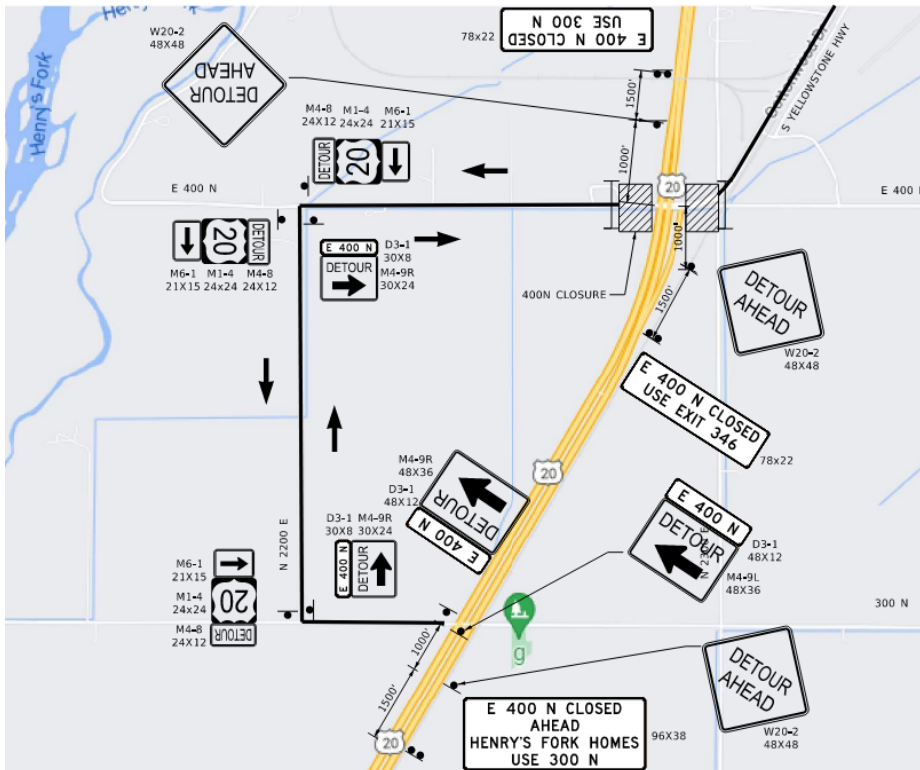


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# Detour

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# Work Restrictions

## South Saint Anthony Interchange

- Must maintain 2 lanes of traffic in each direction on US-20 starting Nov 15 – Feb 15.
- Traffic cannot be moved to the ramps until the chance of the need for snowplowing is greatly diminished.



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# Construction Schedule

South Saint Anthony  
Interchange

	2023	2024
Finalize Bid Set	April 2023	
Advertise for Bid	May 2023	
Construction		Summer 2023 – Fall 2024



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# Questions

**South Saint Anthony  
Interchange**

# Thank You



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